BRUHAT BENGALURU MAHANAGARA PALIKE
YELAHANKA ZONE

NAME OF WORK : Construction of RCC culverts in kempegowda ward no -01.

Estimate Cost Rs. 6.00 Lakhs

Sl No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
1	KSRB 2-2 1 Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clods complete as per specifications specification No KBS 2.1(a) / 2.3.5 SR 2018-19								
		Cum							
	Culvert		5	6.00	1.65	1.20	59.40		
							59.40	316.94	18826.00
	Basic Rate Rs	299.00							
	Add Area Weightage @ 6%	17.94							
	Total	316.94							
2	KSRB4 1.3 Providing and laying position plain cement concrete of Mix 1.4.8 with OPC cement @180Kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed , concrete laid in layers not exeecding 15 cms, thick, well compacted , in foundation , including cost of all materials, Labour , HOM of Machinery, Curing complete as per Specifications. Specifications No KBS 4.1, 4.2 (P12/4.3) SR 2018-19								
	Culvert		5	6.00	1.65	0.15	7.43		
							7.43	5408.12	40155.00
	Basic Rate	5102.00							
	Area Weightage @ 6%	306.12							
	Total	5408.12							
3	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc completeexcluding cost of steel as per MORTH specification No 1500,1700 2200 Page No 271 Ite mo 37.59 2 SR 2018-19 (wall and bottom thickness 15cm								
		Cum							
	Bottom raft								
	Culvert		5	6.00	1.50	0.15	6.75		
	Side wall								
	Culvert		10	6.00	0.25	0.80	12.00		
							Total 18.75	7070.20	132566.00
	Basic Rate	6670.00							
	Add Area Weightage @ 6%	400.20							
	Total	7070.20							
4	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No TMT bars Fe 500 KBS 4.6.3 Page No. 18/ Item No 4.46/ PWD SR 2018-19								
		Tonne							
	for culvert 60kg/cum		1	18.75	60.00		1125.00		
	Total						**1125.00**		
							1.13	75223.96	84627.00
	Basic Rate	70966.00							
	Add Area Weightage @ 6%	4257.96							

Steel Rowment.

No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	Total	75223.96							
5	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc ,complete as per the direction of engineer in charge-								
		Sqm							
			5	6.00	1.50		45.00		
							45.00	5418.00	243810.00
	Data rate	5418.00							
6	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19								
		Cum							
							Qty Vide Item No.1	59.40	87.56	5201.00
	Basic Rate for loading and unloading	57.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							
							Sub total		525185.00
7	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018								63022.20
	DPR and PMC charges 1%								5251.85
8	Miscellaneous and unforeseen charges	Ls							6540.95
							Total Ammount Rs.		600000.00

(Rupees Six Lakhs only)

Administrative Sanction for Rs. 6:00 lakhs
Six Lakhs Rupees only
is accorded under head
Registered as CE No
Subject to conditions contained in
No. EE/YNK/AR/12/18-19 Dt. 03-12-18
Executive Engineer

CERTIFICATE

1) The site has been inspected and the work is found to be necessary
2) The rates adopted are as per PWD IWTD SR of 2018-19
3) The provisions were made in this estimate are necessary and adequate
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits
5) This work is not repeated in any other programs or Grants

Assistant Engineer
Ward No.1

Executive Engineer
Yelahanka-Division
B.B.M.P

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

TECHNICALLY SANCTIONED FOR Rs. 6:00 lakhs
Rupees Six Lakhs only
Under
Registered as CE ( ) No
Subject to condition contained in
enclosed memo EE ( ) No /9/
Dt Estimate / Sanctioned
EE/YNK/TS/09/18-19
Dated 03-12-18 Rs. 6:00 lakhs
Executive Engineer